

**SEQUENCE LISTING**

- SEQ ID NO: 1 is murine mAb 1021 Light Chain nucleic acid sequence.  
SEQ ID NO: 2 is murine mAb 1021 Light Chain amino acid sequence.  
5 SEQ ID NO: 3 is murine mAb 1021 Heavy Chain nucleic acid sequence.  
SEQ ID NO: 4 is murine mAb 1021 Heavy Chain amino acid sequence.  
SEQ ID NO: 5 is murine mAb 2471 Light Chain nucleic acid sequence.  
SEQ ID NO: 6 is murine mAb 2471 Light Chain amino acid sequence.  
SEQ ID NO: 7 is murine mAb 2471 Heavy Chain nucleic acid sequence.  
10 SEQ ID NO: 8 is murine mAb 2471 Heavy Chain amino acid sequence.  
SEQ ID NO: 9 is murine mAb 3821 Light Chain nucleic acid sequence.  
SEQ ID NO: 10 is murine mAb 3821 Light Chain amino acid sequence.  
SEQ ID NO: 11 is murine mAb 3821 Heavy Chain nucleic acid sequence.  
SEQ ID NO: 12 is murine mAb 3821 Heavy Chain amino acid sequence.  
15 SEQ ID NO: 13 is murine mAb 1021 Heavy Chain CDR1 amino acid sequence.  
SEQ ID NO: 14 is murine mAb 1021 Heavy Chain CDR2 amino acid sequence.  
SEQ ID NO: 15 is murine mAb 1021 Heavy Chain CDR3 amino acid sequence.  
SEQ ID NO: 16 is murine mAb 2471 Heavy Chain CDR1 amino acid sequence.  
SEQ ID NO: 17 is murine mAb 2471 Heavy Chain CDR2 amino acid sequence.  
20 SEQ ID NO: 18 is murine mAb 2471 Heavy Chain CDR3 amino acid sequence.  
SEQ ID NO: 19 is murine mAb 3821 Heavy Chain CDR1 amino acid sequence.  
SEQ ID NO: 20 is murine mAb 3821 Heavy Chain CDR2 amino acid sequence.  
SEQ ID NO: 21 is murine mAb 3821 Heavy Chain CDR3 amino acid sequence.  
SEQ ID NO: 22 is murine mAb 1021 Light Chain CDR1 amino acid sequence.  
25 SEQ ID NO: 23 is murine mAb 1021 Light Chain CDR2 amino acid sequence.  
SEQ ID NO: 24 is murine mAb 1021 Light Chain CDR3 amino acid sequence.  
SEQ ID NO: 25 is murine mAb 2471 Light Chain CDR1 amino acid sequence.  
SEQ ID NO: 26 is murine mAb 2471 Light Chain CDR2 amino acid sequence.  
SEQ ID NO: 27 is murine mAb 2471 Light Chain CDR3 amino acid sequence.  
30 SEQ ID NO: 28 is murine mAb 3821 Light Chain CDR1 amino acid sequence.  
SEQ ID NO: 29 is murine mAb 3821 Light Chain CDR2 amino acid sequence.  
SEQ ID NO: 30 is murine mAb 3821 Light Chain CDR3 amino acid sequence.

X16230.ST25.txt  
SEQUENCE LISTING

<110> Eli Lilly and Company

<120> Binding Compositions; related reagents

<130> X16230

<150> 60/485,820

<151> 2004-07-09

<160> 30

<170> PatentIn version 3.2

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Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser Ser Ser
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Val Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Lys
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X16230.ST25.txt

Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg  
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Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg  
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Asn Pro Pro Ala Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala  
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Thr Ser Gly Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr Pro  
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Lys Asp Ile Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn  
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Gly Val Leu Asn Ser Trp Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr  
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Ser Met Ser Ser Thr Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg His  
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## X16230.ST25.txt

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Thr Asp Tyr Asn Met His Trp Val Lys Gln Ser His Gly Lys Ser Leu  
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Glu Trp Leu Gly Tyr Ile Tyr Pro Tyr Asn Gly Asp Thr Gly Tyr Asn  
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Gln Lys Phe Lys Ser Lys Ala Thr Leu Thr Val Asp Asn Ser Ser Ser  
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X16230.ST25.txt

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Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Val Thr Trp  
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Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Pro Ser Ser  
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Glu Asn Tyr Lys Asn Thr Gln Pro Ile Met Asp Thr Asp Gly Ser Tyr  
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Phe Val Tyr Ser Lys Leu Asn Val Gln Lys Ser Asn Trp Glu Ala Gly  
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X16230.ST25.txt

Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser Ser Ser  
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Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg  
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Asn Pro Pro Ala Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala  
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Asp Ala Ala Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu  
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Thr Ser Gly Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr Pro  
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Lys Asp Ile Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn  
                                   165                                  170                                  175

Gly Val Leu Asn Ser Trp Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr  
                                   180                                  185                                  190

Ser Met Ser Ser Thr Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg His  
                                   195                                  200                                  205

Asn Ser Tyr Thr Cys Glu Ala Thr His Lys Thr Ser Thr Ser Pro Ile  
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Lys Pro Gly Ala Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr  
 35 40 45

Phe Thr Asp Tyr Asn Met His Trp Val Lys Gln Ser His Gly Lys Ser  
 50 55 60

Leu Glu Trp Leu Gly Tyr Ile Tyr Pro Tyr Asn Gly Asp Thr Gly Tyr  
 65 70 75 80

Asn Gln Lys Phe Lys Ser Lys Ala Thr Leu Thr Val Asp Asn Ser Ser  
 85 90 95



## X16230.ST25.txt

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 115 120 125  
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 Tyr Pro Leu Ala Pro Gly Ser Ala Ala Gln Thr Asn Ser Met Val Thr  
 145 150 155 160  
 Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Val Thr  
 165 170 175  
 Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val  
 180 185 190  
 Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Pro Ser  
 195 200 205  
 Ser Thr Trp Pro Ser Glu Thr Val Thr Cys Asn Val Ala His Pro Ala  
 210 215 220  
 Ser Ser Thr Lys Val Asp Lys Lys Ile Val Pro Arg Asp Cys Gly Cys  
 225 230 235 240  
 Lys Pro Cys Ile Cys Thr Val Pro Glu Val Ser Ser Val Phe Ile Phe  
 245 250 255  
 Pro Pro Lys Pro Lys Asp Val Leu Thr Ile Thr Leu Thr Pro Lys Val  
 260 265 270  
 Thr Cys Val Val Val Asp Ile Ser Lys Asp Asp Pro Glu Val Gln Phe  
 275 280 285  
 Ser Trp Phe Val Asp Asp Val Glu Val His Thr Ala Gln Thr Gln Pro  
 290 295 300  
 Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Ser Val Ser Glu Leu Pro  
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 Ile Met His Gln Asp Trp Leu Asn Gly Lys Glu Phe Lys Cys Arg Val  
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 Lys Gly Arg Pro Lys Ala Pro Gln Val Tyr Thr Ile Pro Pro Pro Lys

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355

360

365

Glu Gln Met Ala Lys Asp Lys Val Ser Leu Thr Cys Met Ile Thr Asp  
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Phe Phe Pro Glu Asp Ile Thr Val Glu Trp Gln Trp Asn Gly Gln Pro  
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 405 410 415

Tyr Phe Val Tyr Ser Lys Leu Asn Val Gln Lys Ser Asn Trp Glu Ala  
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 35 40 45

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 50 55 60

Lys Arg Leu Ile Tyr Ala Thr Ser Ser Leu Asp Ser Gly Val Pro Lys  
 65 70 75 80

Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser  
 85 90 95

Ser Pro Glu Ser Glu Asp Phe Val Asp Tyr Tyr Cys Leu Gln Tyr Ala  
 100 105 110

Ser Ser Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg  
 115 120 125

Ala Asp Ala Ala Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu Gln  
 130 135 140

Leu Thr Ser Gly Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr  
 145 150 155 160

Pro Lys Asp Ile Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln  
 165 170 175

Asn Gly Val Leu Asn Ser Trp Thr Asp Arg Asp Ser Lys Asp Ser Thr  
 180 185 190

Tyr Ser Met Ser Ser Thr Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg  
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Arg Pro Gly Val Ser Val Lys Ile Ser Cys Lys Gly Ser Gly Tyr Thr  
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Phe Thr Asp Tyr Thr Met His Trp Val Lys Gln Ser His Ala Lys Ser  
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Leu Glu Trp Ile Gly Leu Ile Thr Pro Phe Tyr Gly Asp Ala Ile Tyr  
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Asn Gln Lys Phe Lys Gly Lys Ala Thr Met Thr Val Asp Lys Ser Ser  
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Ser Thr Ala Tyr Met Glu Leu Ala Arg Leu Thr Ser Asp Asp Ser Ala  
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Ile Tyr Tyr Cys Thr Arg Gly Gly Leu Arg Arg Gly Pro Pro Phe Ala  
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Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala Ala Lys Thr Thr  
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Pro Pro Ser Val Tyr Pro Leu Ala Pro Gly Ser Ala Ala Gln Thr Asn  
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Ser Met Val Thr Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro  
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Val Thr Val Thr Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr  
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Phe Pro Ala Val Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val  
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Thr Val Pro Ser Ser Thr Trp Pro Ser Glu Thr Val Thr Cys Asn Val  
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Ala His Pro Ala Ser Ser Thr Lys Val Asp Lys Lys Ile Val Pro Arg  
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Asp Cys Gly Cys Lys Pro Cys Ile Cys Thr Val Pro Glu Val Ser Ser  
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Val Phe Ile Phe Pro Pro Lys Pro Lys Asp Val Leu Thr Ile Thr Leu  
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Thr Pro Lys Val Thr Cys Val Val Val Asp Ile Ser Lys Asp Asp Pro  
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Gln Thr Gln Pro Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Ser Val  
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Ser Glu Leu Pro Ile Met His Gln Asp Trp Leu Asn Gly Lys Glu Phe  
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325

335

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Pro Pro Pro Lys Glu Gln Met Ala Lys Asp Lys Val Ser Leu Thr Cys  
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Met Ile Thr Asp Phe Phe Pro Glu Asp Ile Thr Val Glu Trp Gln Trp  
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Asn Gly Gln Pro Ala Glu Asn Tyr Lys Asn Thr Gln Pro Ile Met Asp  
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Thr Asp Gly Ser Tyr Phe Val Tyr Ser Lys Leu Asn Val Gln Lys Ser  
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